Index of Claims

| Application No.    | Applicant(s)  |    |
|--------------------|---------------|----|
| 10/005,715         | WESTON ET AL. | 3- |
| Examiner           | Art Unit      | •  |
| J. Douglas Schultz | 1635          |    |

√ Rejected — (Throt C = Allowed + R

(Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| CI       | aim         |                | _        |              | _ [       | Date     | <u> </u> |          | _ |          |        | Cla  | im       |  |          |          |          | Date          |          |   |   | ]     |    | Cla           | aim        | <u>.</u> | <u> </u> |   | [        | Date     | e               |          |               |          |
|----------|-------------|----------------|----------|--------------|-----------|----------|----------|----------|---|----------|--------|--|----------|--|----------|----------|----------|---------------|----------|---|---|-------|----|---------------|------------|----------|----------|---|----------|----------|-----------------|----------|---------------|----------|
|          | Original    | ゔ              | 10       |              |           |          |          |          |   |          |        |  |          |  |          |          |          |               |          |   | [.  |       |    |               | 70         |          |          |   |          |          |                 |          |               |          |
| Final    | Ë           | 20             | 12       |              |           |          |          |          |   |          | ::::   | Final  | Original |  |          |          |          |               |          |   |   | - 1   |    | Final         | Original   |          |          |   |          |          |                 |          |               |          |
| i tr     | Ę           | 27             |          |              |           |          |          |          |   |          |        | ιĒ   | Ę        |  |          |          |          | ٠             | - 1      | 1   |   |       | H  | ıĒ            | Ë          |          |          |   |          |          |                 |          |               |          |
| 1 .      | 0 /         | 64             | O4       |              |           |          |          |          |   |          |        |  |          |  | ·        |          |          |               | $\perp$  |   |   | ╝     |    |               |            | L        |          |   |          | <u>_</u> |                 |          | <u></u>       |          |
|          | 1           |                |          |              |           |          |          |          |   |          |        |  | 51       |  |          |          |          |               |          |   |   |       | 1  |               | 101        |          |          |   |          |          | <u> </u>        |          |               |          |
|          | 1           |                |          |              |           |          |          |          |   |          |        | ,  | 52       |  |          |          |          |               | _        |   | 4   | _     |    |               | 102        | Ш        | Ш        |   |          | L_       | _               |          |               |          |
|          | 1           |                |          |              |           |          |          |          |   |          |        | <u>.                                    </u> | 53       |  |          |          |          |               | _        | _   | _   | _     | 1  |               | 103        | _        |          |   |          | L.       | Ļ.,             | Щ        |               |          |
|          | 4           |                |          |              |           |          |          |          |   |          | .: ::: |  | .54      | _  |          |          |          |               | $\dashv$ | _ _   | $\perp$   | _     | 1  |               | 104        | _        |          |   | <u>.</u> | <u> </u> | <u> </u>        | ļ        | <u>ا</u> بــا |          |
|          | \$          | _              | ļ        | _            | L         |          |          |          | - |          |        | <u> </u>                                     | 55       | ╙  | <u> </u> |          |          |               | _        | $\perp$   | $\perp$   | 4     | 1  |               | 105,       | <u>.</u> |          | - | <u> </u> |          | ļ               |          | $\vdash$      | $\sqcup$ |
|          | 6           |                |          |              |           |          |          |          |   |          |        |  | 56       | _  | Ш        |          |          | $\perp$       | 4        | _   | $\perp$   | _     | 1  |               | 106        |          | Ш        | _ | _        | _        | _               |          | ш             | ,        |
|          | 11          | L              |          | <u>L.</u>    |           |          |          | Ш        |   |          | 1111   |  | 57       | Ļ.   |          |          | $\Box$   | $\Box$        | $\dashv$ | _   | $\bot$  | -     | 1  |               | 107        | L        |          | _ | ļ        | _        |                 |          | $\vdash$      | $\vdash$ |
|          | Y           | Ļ              | _        | _            | L_        | Ш        |          |          |   |          |        |  | 58       | <b>!</b>   | -        | _        |          |               | -        | _   | +   | -     | 1  | _             | 108        |          |          | - | H        | <u> </u> |                 |          | $\vdash$      | Н        |
|          | <u> </u>    | <b>V</b>       | V        | _            | Ŀ         | _        | _        |          | _ |          |        |  | 59       |  | Ш        |          |          | $\Box$        | 4        | 4   | +   | -     | 1  |               | 109        | _        |          |   |          | <u> </u> | _               | -        | $\vdash$      | $\vdash$ |
| L        | 10          | 4              | W        | <u>_</u>     |           | _        | ٠.       | $\Box$   |   | _        |        |  | 60       | <u> </u>   | Н        |          | _        | $\dashv$      | $\dashv$ |   | -   | -     | ŀ  |               | 110.       | $\vdash$ | -        |   | _        | <u> </u> |                 |          | -             |          |
| <u></u>  | 11          | 1              | V        | _            | -         | Ш        | _        | $\vdash$ |   | _        |        | <u> </u>                                     | 61       | $\vdash$   | $\vdash$ |          | $\dashv$ |               | $\dashv$ | _   | +   | -[::  | }  |               | 111        | _        | Н        | - | $\vdash$ |          |                 | $\vdash$ |               | $\vdash$ |
|          | 12          | -              | _        | <u> </u>     | -         | Ш        |          | Н        |   | -        |        | <u> </u>                                     | 62       | $\vdash$   | Н        |          | $\dashv$ | -             | $\dashv$ | +   | +   | -}::: | 1  |               | 112<br>113 | -        | H        | H | $\vdash$ |          | -               | $\vdash$ |               | $\vdash$ |
|          | 18          | -              | <u> </u> | <u> </u>     | $\vdash$  | $\vdash$ | <u> </u> | $\vdash$ | _ |          |        | <del> </del>                                 | 63       | -  |          |          | -        |               |          | -   | +-  | -     | 1  |               | 114        |          | H        | Н | $\vdash$ | $\vdash$ |                 | -        |               | $\vdash$ |
|          | 1           | -              | -        | <u> </u>     | -         |          | _        | $\vdash$ |   | H        |        | <u> </u>                                     | 64       | -  | H        | $\vdash$ |          | -             | +        | +   | +   | -     | 1  |               | 115        |          | H        | - | <u> </u> | -        |                 |          | -71           |          |
|          | 11/         | -              | _        | Ŀ            | -         | $\vdash$ | _        |          | • | -        |        | <del></del>                                  | 65       | <del> </del> —                                   | Н        | $\vdash$ |          |               | +        | +   | +   | 4     | ŀ  |               | 116        | $\vdash$ | H        |   | -        | -        | -               | $\vdash$ | -             | Н        |
|          | <b>(19)</b> | 1              | 1        | -            | $\vdash$  | Н        |          | $\vdash$ |   | -        |        | <u> </u>                                     | 66<br>67 | <del> </del>                                     | Н        | $\vdash$ |          |               | +        | +   | +   | -[::: | ŀ  |               | 117        | $\vdash$ | Н        |   | H        | ۱÷       | -               | $\vdash$ |               |          |
|          | 1/          | 1              | V .      | <u> </u>     | $\vdash$  | Н        | _        | ┝╌╢      | - | -        |        |  | 68       | -  | $\vdash$ | $\vdash$ |          | -             | +        | +   | +   | -{    | ł  |               | 118        | $\vdash$ | Н        |   | $\vdash$ |          | $\vdash$        | $\vdash$ | $\dashv$      | $\vdash$ |
|          | 18          | V              | ·V       | <del> </del> | -         | Н        |          | $\vdash$ | _ | _        |        | <u> </u>                                     | 69       | ├—   |          | -        | -        | $\dashv$      | $\dashv$ |   |   | -[    | ł  |               | 119        | $\vdash$ |          | - |          |          | -               | H        | $\dashv$      | $\vdash$ |
| <u></u>  | .19         | ⊢              | <u> </u> |              | ├-        | Н        |          | $\vdash$ |   | -        |        |  | 70       | ├  | Н        | -        | $\dashv$ | -             | +        | +   | +   | -     | ŀ  |               | 120        |          |          | - |          | -        | -               |          |               |          |
|          | 2           | -              | Ŀ        | H-           | _         | Н        |          | $\vdash$ | _ | -        |        | -  | 71       | -  |          | Н        | $\dashv$ | -             | -        |   | +   | -     | 1  |               | 121        |          | H        |   | -        | -        |                 |          | _             | $\vdash$ |
|          | 28          | 1              | -        | ۲            | -         | Н        |          | -        |   | -        |        | -  | 72       | ⊢  | Н        |          |          | $\dashv$      | $\dashv$ | +   |   | -     | :  |               | 122        | -        |          |   |          | -        |                 | Н        |               | $\vdash$ |
| <u> </u> | 22          | <del>  ∨</del> | V        | ŀ            | ⊢         | H        |          |          |   | $\vdash$ |        |  | 73       | ┝  |          | Н        | $\vdash$ | -             | $\dashv$ | ┽   | +-  | ┨     | -  |               | 123        | -        |          |   | -        | $\vdash$ | -               | Н        | -             | $\vdash$ |
|          | 23<br>24    | -              | -        |              | ⊢         | Н        | -        | $\vdash$ |   | Н        |        |  | 74       | -  |          |          | $\dashv$ | $\rightarrow$ | -+       | -   | +   | -{::  | ŀ  |               | 124        | -        | ÷        | - | -        | -        | H               | $\vdash$ | $\vdash$      | Н        |
| }        | 25          | $\vdash$       | $\vdash$ | $\vdash$     | ┢         | H        |          | Н        |   | -        |        | <del></del>                                  | 75       | $\vdash$   | Н        | -        |          | -             | 十        | +   | +   | -     | ŀ  |               | 125        |          |          | - | -        | -        | -               | Н        | $\overline{}$ | $\Box$   |
| $\vdash$ | 26          | -              |          | ┢            | H         | Н        | <u> </u> | Н        | - | -        |        |  | 76       | -  |          | -        | -        |               | $\dashv$ |   |   | -     | ŀ  |               | 126        |          |          |   | -        | $\vdash$ | H               |          |               | Ė        |
| -        | 27          | -              | -        | -            | ┢         |          |          | Н        |   |          |        |  | 77       | $\vdash$   | Н        |          | Н        | $\dashv$      | +        | +   | ╅   | 1։։   | ł  |               | 127        |          | ÷        | _ | _        | $\vdash$ | -               |          |               | П        |
| -        | 28          | +-             | $\vdash$ | $\vdash$     | H.        | $\vdash$ | -        |          | - | 1        |        |  | 78       | $\vdash$   | Н        |          |          | $\dashv$      | -+       | +   | +   | ٦.    | ł  |               | 128        |          | $\vdash$ | _ |          |          | -               |          |               |          |
| 1        | 29          | <u> </u>       | -        | $\vdash$     | ┢         | Н        | _        | Н        |   |          |        |  | 79       | -  |          |          |          | $\exists$     | _        | _   | +   | 1     | 1  |               | 129        | $\vdash$ | Н        | _ |          |          |                 |          |               |          |
| -        | 30          | $\vdash$       |          | $\vdash$     |           | H        | ·-       |          |   | $\vdash$ |        | $\vdash$                                     | 80       | †  |          |          | $\Box$   |               | $\top$   | $\top$  | $\top$  | 7     | t  |               | 130        | T        |          |   |          |          |                 |          |               |          |
|          | 31          | Ι.             |          | $\vdash$     | _         | Н        | _        | П        | - |          |        | $\vdash$                                     | 81       | <del>                                     </del> | П        |          |          | $\neg$        | 十        | 十   | $\top$  | 7     | t  |               | 131        |          |          |   |          |          | _               |          |               |          |
|          | 32          |                |          | 一            |           | $\vdash$ | Ė        | П        |   |          |        | _  | 82       | T  | Н        |          |          | $\vdash$      | $\top$   | +   | 1   | ٦     | 1  |               | 132        |          |          |   |          | Ι.       | П               | H        |               | П        |
|          | 33          | 1              | -        |              |           |          | _        | П        | - |          |        |  | 83.      | $I^-$  | П        |          | $\Box$   | П             | 寸        | $\top$  |   | 7     | 1  |               | 133        |          |          |   |          |          |                 |          |               |          |
| <u> </u> | 34          |                |          | <u> </u>     |           | П        |          |          |   |          |        |  | 84       | Γ.   |          |          |          | $\neg$        | $\neg$   |   |   |       |    |               | 134        |          |          |   |          |          |                 |          |               |          |
|          | 35          |                |          |              |           | $\Box$   |          |          |   |          |        |  | 85       |  |          |          |          |               | -        | $oxed{oxed}$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |       | .[ |               | 135        |          |          |   |          |          |                 |          |               |          |
|          | 36          |                |          |              |           |          |          |          |   |          |        |  | 86       |  |          |          |          |               | $\Box$   |   |   |       |    |               | 136<br>137 |          |          |   |          |          |                 |          |               |          |
|          | 37          |                |          |              |           |          |          |          |   |          |        |  | 87       |  |          |          |          |               |          |   |   |       | :[ |               | 137        |          |          |   |          |          |                 |          |               |          |
|          | 38          |                |          |              |           |          |          |          |   |          |        |  | 88       |  |          |          |          |               | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   |       |    |               | 138        |          |          |   |          |          |                 |          |               | Ш        |
|          | 39          |                |          | Ŀ            |           |          |          |          |   |          |        |  | 89       |  |          |          |          |               |          |   |   | 4     |    |               | 139        |          |          |   |          | L.,      | Ш               |          |               | Ш        |
|          | 40          |                |          |              | Ĺ         |          |          |          |   |          |        |  | 90       | L  | L        |          |          | [             | $\perp$  |   | 1   | _ ∷   |    |               | 140        | Ш        |          |   |          | Ш        | Ш               |          |               | Ш        |
|          | 41          |                |          |              |           |          |          |          |   |          |        |  | 91       | 匚  |          |          |          |               | _[       |   | 1   | _[::: |    |               | 141        | Ш        | $\Box$   |   |          | Ш        | Ш               | Ш        |               | Ш        |
|          | 42          |                |          |              |           |          |          | Ш        |   |          |        |  | 92       | ļ  | Ш        | Ш        |          | $\sqcup$      |          |   | -   | _     | 1  |               | 142        | ļ        |          |   |          | _        | L.              |          |               | Ш        |
|          | 43          |                |          | L            | $\Box$    |          |          | $\Box$   |   |          |        |  | 93       | ┞-   | $\sqcup$ | Ш        | $\sqcup$ | _             | _        | _   | ᆀ   |       |    |               | 143        |          | -4       |   | <u> </u> | Щ        | Ш               |          |               | Щ        |
|          | 44          |                |          | L            | Ш         | Ш        |          |          |   |          |        |  | 94       | <u> </u>   | Ш        |          |          |               | 4        | 4   | _   | 4     | 1  |               | 144        | Щ        |          | _ | <u> </u> | Щ        | Щ               |          |               | 닏        |
|          | 45          |                |          | _            | $\square$ | Ш        |          |          |   |          |        |  | 95       | <u> </u>   |          |          |          |               | $\perp$  |   | _   | 4     | 1  |               | 145        | Ш        | <u> </u> |   | L.,      | Щ        |                 | $\sqcup$ |               | Ш        |
|          | 46          |                |          |              |           | Ш        |          |          |   |          |        |  | 96       | <u> </u>   |          |          | _        |               | _        | _   |   | 4:::  | 1  |               | 146        | Ш        |          |   | $\vdash$ | _        | Щ               | $\Box$   |               | $\vdash$ |
|          | 47          | Ш              | L_       | _            | $\Box$    | Ш        |          |          |   |          |        |  | 97       | $\vdash$   | Ш        | _        |          | _             | 4        | $\perp$   | _   | 4     | -  |               | 147        | $\vdash$ |          |   | $\vdash$ | $\vdash$ |                 | $\dashv$ |               | H        |
| ļ        | 48          | ļ              | ·        |              | L.,       | $\Box$   |          |          |   |          |        |  | 98       | <u> </u>   | $\Box$   | _        | _        |               | 4        | _   | 4   | _[::: | 1  |               | 148        | Н        | _        |   | $\vdash$ | -        | $\vdash \vdash$ |          |               | Н        |
| ļ        | 49          | ļ.,            | _        | L            | $\vdash$  | Ш        |          | $\sqcup$ |   |          |        |  | 99       | ⊢  | $\sqcup$ | _        | $\dashv$ |               | 4        | +   | +   | -     | -  | $\rightarrow$ | 149        | Н        |          | _ | Н        | Щ        | $\vdash$        |          | $\dashv$      | $\dashv$ |
| L        | 50          | <u> </u>       |          | L,_          | L         | Ш        | L        |          |   |          |        |  | 100      | L  | L. i     |          | L        |               |          | Щ.  | Щ,  | _:::: | L  |               | 150        |          |          |   | ш        | لــا     | Ш               |          | لــــ         |          |